	2011-12				2012-1				2012-2				2012-3				2012-4				2012-5			
	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Colony																	■	Colony							
Battery Level Indicator																									
Improve library error codes																									
Better sanity check for invalid BOM type																									
XBee/Wireless Initialization																									
get all the library inti's and functions (...)																									
Xbee Documentation																									
xbee baud rates																									
Wireless - core send, ack functions																									
Wireless - xbee.c																									
xbee id																									
investigate new AVR simulator?																									
Conclusion on filter design	Assigned 0%																								
Figure out rangefinders group	Assigned 0%																								
Complete SURG form	Assigned 0%																								
Check/Order robot battery clips	Assigned 50%																								
Line Follower Collimator																									
Redo robot pants																									
Get Colony videos onto VideoTron. Embed in (...)																									
Clean up repository branches																									
Add Line Following to Library																									
Profile different mapping surfaces																									
Make Hunter-Prey Ref More Verbose																									
Clean up Colony-New and prepare for next (...)																									
Implement Intersection Behavior																									
wl_basic_do_default(int *length) doesn't (...)																									
Schedule Fleet Maintenence Day																									
Discuss and Contact about Extra Colony III (...)																									

Colony - Hardware

    Design Dragonfly Replacement Board

    Investigate how to use the JTAG ICE

Colony - Library

    Make sure all robots program the correct (...)

Colony - Reliability

    Automatically update robot status page (...)

Colony Scout ▪ **Colony Scout**

    Colony Environment

    Software Architecture

    Reflow Oven Temperature Regulation

    Update Boards on Eagle

    Research PCB Assemby Costing

    Website Work Log

    Video for Scout Intro

    Create ROS Node: Buttons   **Assigned 100%**

    Create ROS Node: Timer   **Assigned 100%**

    Create ROS Node: IMU   **Assigned 0%**

    Create ROS Node: Accessory   **Assigned 100%**

    Create ROS Node: Encoders   **Assigned 100%**

    Create ROS Node: Wireless   **Assigned 0%**

    Create ROS Node: USB Serial   **Assigned 80%**

    Create ROS Node: Cliffsensors   **Assigned 100%**

    Create ROS Node: BOM   **Assigned 90%**

    Create ROS Node: Analog   **Assigned 0%**

    BOM Interference Testing   **Assigned 0%**

    BOM Driver Code   **Assigned 0%**

    Sonar Wiring   **Assigned 0%**

    Sonar Position Tracking

    Send Sonar Readings to ARM

    Automate Stepping and Sonar Reading

    Sonar on ARM

    Make ARM command Sonar on AVR

    Read IMU values and send to ARM   **Assigned 0%**

Pose Estimation	Assigned 0%
Motor & Encoder Wiring	
Control Motors (ARM)	Assigned 10%
Track Encoders	
Charging Base	
Print and Test Scoutfly	
Create Scout Chassis	
Make wiring kits for Scout	
IMU on ARM	Assigned 0%
ROSSERIAL on ARM	Assigned 0%
CliffSensor on ARM	Assigned 0%
Create Transmitting Protocal	Assigned 0%
Wireless on ARM	Assigned 10%
Cliff Detection	Assigned 0%
Buttons on ARM	Assigned 0%
USB Serial on ARM	Assigned 0%
Control Headlights	
Power Up Rest of Scoutfly	
Get Old Boards and Funding Info	
Test AVR on ARM	Assigned 0%
Get Sonar Stepping and Reading	Assigned 0%
"Automated" Turning	Assigned 0%
Add Fuel Guage and Protection circuit (...)	
BOM returns values even when IR LED (...)	
File Error Service call	
Colony Scout - 1.0	
BOM Send/Receive Functions	
Assembly Instructions	
Fix Encoder pinout on breakfly	
Colony Scout - 1.2	
NanoRK Wireless Library	
Loook @ Robostix AVR<->ARM Comms (...)	
Electronics Purchasing, OCT-08	Assigned 0%
Colony Scout - Development	

System Wiring	
Look into accelerometer speed	
Email Red W	**Assigned 0%**
Create roboclub demo	**Assigned 50%**
Audio Command & Output Accessory	
Design SmartFly Smart Acessory (...)	
Mechanical Work Log	**Assigned 20%**
Check speaker magnet interference (...)	
HyLo	**HyLo**
type proposed proposal	**Assigned 0%**
Meeting	
Mechanical Logic Gates	**Mechanical Logic Gates**
Update - website	**Assigned 0%**
You Tube + Display Case	**Assigned 0%**
Website - host on roboclub	**Assigned 0%**
Look into getting copywrite	**Assigned 0%**
Wishlist	
Sell T-shirts on website	
Arbor Press	
Horizontal Band Saw	
Compressed Air System	
Quadrotor	**Quadrotor**
Make Wishlist of Parts	
Fix the Quadrotor	
Point Cloud Display	
Design aluminum frame for Quad1	**Assigned 0%**
Make private repository	
Email Harrison to Order Parts	
USB to micro USB cable	
RoboBuggy	**RoboBuggy**
Write a SURG Grant	**Assigned 40%**
RobOrchestra	**RobOr**
Model Solenoids for brassbot in Solidworks	**Assigned 0%**
Get Pianobot modelled with the piano	**Assigned 0%**

Parts List (pianobot) (someone work on this? (...)
Algorithm for Pianobot?
Tooltron
   Write tutorial about network programming
   Tooltron - 1.0
     script for network programming
     notifications of tool boot packets in (...)
     Put up a warning sign for Tooltron swiping (...)
     Document the Network Bootloader
     Document the States of the toolbox/cardbox
     Server dies when internet is out
     update server docs
   Tooltron - 1.1
     timeouts not working correctly
     remove server hacks
     organize repo
     Document new Error codes on Cardbox
     order more boards and replace drill-press (...)
   Tooltron - 2.0
     Keypad row 3 (7,8,9,C) does not work
     MySQL Stored Procedures
     Tooltron status indicator
Underwater Swarm Bots
   FTDI cable
WCTU
   WCTU - WCTU Version 1.0
     Create v1.0 JS Client Revision 1

■ **Underwater Swarm Bots**
■ **Assigned 0%**

WCTU
WCTU -WCTU Version 1.0 50%
Assigned 0%